Centuri®

INCREDIBLE BARGAINS ON QUALITY CENTURI ROCKETS

Spring SALE...81

SAVE $1.25
Columbia now only $4.95
Coupon pg. 10

FLY WITH NASA!

NASA SPACE SHUTTLE COLUMBIA

Build and fly this model of America's newest spaceship. The Columbia is the first Space Shuttle to fly into space. Experience the thrill of lift-off just like the real spaceship! Centuri's kit is complete with plastic nose cone, die-cut fibre parts, stick-on decal, and quick-change engine lock. Features 16" parachute recovery and removable display nozzle unit.

Recom. Engines: B4-4, B6-4, B8-5, B14-5, C6-5

Prod. #5343
Skill Level 1

~~$5.50~~

Only $4.25

Special Closeout!

Receive the following engines plus igniters:

(6) B14-0
(3) B14-5
(3) B14-7

SAVE $6.21
BIG SPECIAL ONLY $3.99
See coupon pg. 6

A $10.20 value only $3.99

Centuri®

Spring SALE...81

CENTURI
FLYING MODEL ROCKETS

CENTURI ENGINEERING CO., INC. • BOX 1988 • PHOENIX, ARIZONA 85001

Dear Centuri Rocketeer,

It's spring once more and time to get ready for another season of Centuri model rocketry. At Centuri, we're offering some of our most exciting kits at special discounts to get your rocketry season off to a fine start.

NASA's Shuttle is flying and yours can too. Page 1 has a special offer on our Columbia Space Shuttle kit, so you can join in on the latest adventure of America in Space!

Don't miss our special closeout on B14 engines on page 1—60% off with this special offer. Our newest kits are featured on pages 3-5, with special bonus offers too! This can mean discounts and free engines to you.

See pages 18 & 19 for our latest closeout items. Act now to take advantage of these offers. We're not making these kits anymore, and once they're gone there won't be any more. Don't miss out on these special bargains.

We've also put some of our most popular kits on sale this spring (see pages 8 thru 17). There's a special sale price on the #5200 Power System that's ideal for those who want to expand their fleet or for schools and clubs.

These offers, along with Rocket Times, bring to you our best wishes for fun this year with Centuri rocketry.

Best Wishes,

Bill Stine

Bill Stine
Direct Mail Programs

SPECIAL BONUS!
SAVE $1.50
on your order of $15.00
See coupons pg. 7

NEW Viking Explorer Starter Kit

INCLUDES:
- Lightning Bolt Launcher
- 2 Powerful Enerjet Engines
- Wadding • Parachute Recovery

Get started the low-cost way with the Viking Explorer Outfit. Includes everything you need to get started except battery and white glue. Model rocketry's lowest priced starter kit is the ideal way for you or your friends to begin enjoying the excitement of model rocketry.

Prod. #5204
Skill Level 1

Requires 6 volt lantern battery and white glue.

Unless otherwise stated, all the model rocketry kits in this catalog are hobby kits requiring assembly. Launch systems, engines, glue and finishing supplies are not included. Recommended for ages 10 to adult. Adult supervision suggested for those under 12 years of age when flying model rockets.

1981 New Products!

RED-EYE™ SPY SATELLITE

A key part of the Soviet Bloc's spy network, the Red-Eye keeps watch over freeworld military build-up. This Centuri model is easy to build and features die-cut parts, dowel stabilizers, plastic nose cone, chrome decals, and recovery system.

Prod. #5346
Skill Level 1

Only $2.00

Recom. Engine:
½A6-2

AWARD-WINNING KIT!

The Centuri Satellite Killer is the 1981 award winner for "CREATIVE EXCELLENCE IN MODEL ROCKETRY" as chosen by the Hobby Industry Assoc. of America.

Award of Merit

SATELLITE KILLER™

The most important security system of the late 20th century, this defense satellite identifies and attacks enemy satellites targeted for strategic Earth locations. Designed to assure the security and safety of NATO countries, this space platform is equipped with special electronic and laser-activated equipment for satellite search and destroy missions. Centuri's model comes complete with die-cut fibre parts, engine lock, and special 2-color kit decal. Recovery is special rear ejection parachute, which insures a safe recovery every time.

Prod. #5345
Skill Level 3

Only $7.00

Recom. Engines:
C6-3, C5-3S

SPECIAL OFFER!
SAVE $1.01 ON #5347 BONUS PACK.
Includes both #5345 Satellite Killer and #5346 Red-Eye in one package. ONLY $7.99

No coupon necessary

SPIRIT OF AMERICA

Prod. #5344
Skill Level 1

Only $3.50

Recom. Engines:
A8-3, B4-4, B6-4, B14-5, C6-5

This long bird is easy to build and fun to fly. A great first rocketry project, or one to add to your fleet. Spirit of America comes complete with plastic nose cone, die-cut fibre fins, decals, engine lock, and 90 inch brightly colored streamer for reliable recovery every time.

Centuri® Spring 1981 New Products!

SR-71 Blackbird Prod. #5349

Available April 30, 1981

The SR-71 is the Air Force's long-range advanced strategic reconnaissance aircraft capable of flying above 80,000 feet at 3 times the speed of sound! It carries a variety of advanced observation equipment which can survey a strip of the earth's surface 30 miles wide and 2,000 miles long in one hour. Centuri's model is D-convertible and features molded plastic parts, balsa wings and rudders, and parachute recovery. Realistic decal sheet lets you finish the model in authentic Air Force insignias.

Skill Level 3

Specifications:
Length 27.5" (69.8cm)
Body Diam. 1.64" (4.2cm)

$10.95

Recom. Engines:
C6-3, C5-3S, D12-5

Bonus engine: D12-5

EACH KIT INCLUDES A FREE BONUS ENGINE & IGNITER

No coupon necessary

Specifications:
Length 22.25" (56.5cm)
Body Diam. .976" (2.5cm)

Recommended Engines:
½A6-2, A8-3, B4-4, B6-4, B8-5, B14-5, B14-7, C6-5, C6-7

Skill Level 3

$5.00

Available April 30, 1981

Prod. #5348

Spacemaster

Strategic Troop Carrier

The Spacemaster is the workhorse of personnel transports in space. An updated version of the smaller and earlier "Galaxy", the Spacemaster can transport up to 100 men and equipment to distances in excess of 4 million miles without stopping for refueling. Centuri's model of this important space vehicle features die-cut balsa fins, plastic nose cone, quick-release engine mount and big two-color decals. Flights over 600 feet with 12" parachute recovery.

Bonus engine: C6-5

Thunder Hawk Outfit

Available February 5, 1981

Here's an easy way to start in model rocketry with one of our most popular rocket kits—the easy to build Thunder Hawk. The Thunder Hawk is nearly 2 feet long and moves off the pad fast. Also included is our new Lightning Bolt launch system, which fits easily on to a 6 volt lantern battery (not included). This outfit includes the regular two model rocket engines, plus an additional three engines at no extra cost! Get started today, or get your friends started, with the new Thunder Hawk Outfit from Centuri.

Prod. #5208
Skill Level 2
ONLY $11.95

INCLUDES 3 EXTRA ENGINES FREE: BONUS TOTAL OF 5 ENGINES!

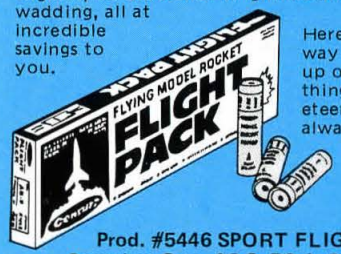
No coupon necessary

OUTFIT INCLUDES:

- Thunder Hawk Rocket
- 2 Engines & Igniters
- Mini Manual
- Lightning Bolt Launcher
- Glue, Wadding & Supplies

Flight Packs

Each Flight Pack consists of 12 Enerjet engines, 12 Sure-Shot II igniters and recovery wadding, all at incredible savings to you.



Here's a great way to stock up on the one thing Rock-eteers can always use—engines!

Prod. #5446 SPORT FLIGHT PACK
Contains: 3 ea. A8-3, B6-4, C6-5– 2 ea. B6-6–1 ea. C6-7 ONLY $8.50

Prod. #5447 "C" FLIGHT PACK
Contains: 4 ea. C6-5–3 ea. C6-7, C5-3S– 2 ea. C6-3 ONLY $9.00

Available February 5, 1981

NEW B8 ENGINES

These versatile new rocket engines can be used almost anywhere you use standard B6 and B4 Enerjet engines, but B8's provide a higher initial thrust to get big birds off the pad fast. Full 5 n-sec total impulse with a variety of time delays. Each box comes with three Sure-Shot II igniters.

Prod. #5547 B8-3 $2.55 (Box of 3)
Prod. #5548 B8-5 $2.55 (Box of 3)
Prod. #5549 B8-7 $2.55 (Box of 3)

Available February 28, 1981

COUPON INSTRUCTIONS

Use these valuable coupons when you order products from this catalog. It's easy. Simply list the product you order on your order form and list any free or discount items below it. Clip the appropriate coupons and include them with your order.

Please note that because of the discounts built into these offers, the special offers on these coupons cannot be used in addition to any other special offers (including those in the regular catalog) or with Centuri merchandise certificates.

SUPER BONUS COUPONS!

Included on the next page are four coupons that give you an additional bonus—one you can use along with the special offers in this catalog. Total your order and for every $15.00 in Centuri merchandise you buy include a SUPER BONUS COUPON and get $1.50 off. For example: if your order totals $30.20, include two super bonus coupons and send only $27.20 – $3.00 off these special sale prices!

MINI CATALOG

In case you don't have your regular Centuri catalog handy, here's a list of the major Centuri products, their product numbers and retail prices. Any purchases from this list can be applied to the Super Bonus Coupons on page 7.

5200	Power-System Outfit	29.95
5206	Columbia Outfit	15.95
5208	Thunder Hawk Outfit	11.95
5404	Eagle Power	14.95
5406	Big Shot	21.95
5001	Lil' Herc	2.00
5008	Excalibur	6.00
5031	Stiletto	5.50
5035	Nomad	6.00
5037	Arrow-300	9.50
5040	Sky Devil	2.75
5041	Moonraker	2.00
5043	Snipe Hunter	4.50
5047	Astro-1	5.00
5072	Starfire	5.50
5077	SST Shuttle	10.95
5080	Payloader II	5.00
5091	Javelin	4.00
5110	Laser X	7.00
5131	Mercury Redstone	11.95
5140	Saturn IB	19.95
5142	Saturn V	34.95
5145	Nike Smoke	6.95
5171	Jayhawk	4.50
5173	Screaming Eagle	3.75
5310	U.S.S. America	13.95
5317	F-16 Fighter	6.95
5321	5J Israeli Mirage	6.95
5325	Flying Saucer Kit	6.50
5330	ALCM Cruise Missile	9.00
5332	Russian SAM-3	5.50
5338	Thunder Hawk	3.00
5339	Thunder Bird	6.00
5340	Thunder Roc	9.00
5341	Magnum-D Hornet	4.00
5342	Magnum-D Jayhawk	14.95
5343	Columbia (Kit)	5.50
5344	Spirit of America	3.50
5345	Satellite Killer	7.00
5346	Red-Eye Satellite	2.00
5347	Bonus Pack: includes 5345 & 5346	7.99
5348	Spacemaster	5.00
5349	Magnum-D Blackbird	10.95
5407	Phoenix Bird	8.00
5440	Viking Kit	1.75
5441	Viking 12 Pack	17.95
5445	AB-5 Flight Pack	8.00
5446	Sport Flight Pack	8.50
5447	"C" Flight Pack	9.00
5458	Parts Assort.	17.95
5550	½A6-2	2.25
5552	½A6-4	2.25
5558	A8-0	2.35
5560	A8-3	2.35
5562	A8-5	2.35
5564	B4-2	2.45
5566	B4-4	2.45
5568	B4-6	2.45
5570	B6-0	2.45
5572	B6-4	2.45
5574	B6-6	2.45
5547	B8-3	2.55
5548	B8-5	2.55
5549	B8-7	2.55
5582	C6-0	2.65
5584	C6-3	2.65
5586	C6-5	2.65
5588	C6-7	2.65
5590	C5-0S	2.65
5592	C5-3S	2.65
5596	D12-0	4.95
5597	D12-3	4.95
5598	D12-5	4.95
5599	D12-7	4.95
5601	Power Tower	8.00
5609	Powr Pad	13.95
5623	Powr-Control	9.00
5690	Sure Shot II 6-Pack	1.15
5692	Sure Shot II 12-Pack	1.95

Expires 9-30-81

Centuri BONUS COUPON #6846
WORTH $1.25
toward the purchase of #5343 Space Shuttle Columbia. (See page 1).

Expires 9-30-81

Centuri BONUS COUPON #5589
WORTH $6.21
toward the purchase of B14 Engine Special. (See pg. 1).

Expires 9-30-81

Centuri BONUS COUPON #6859
WORTH $1.00
toward the purchase of #5002 Twister. (See page 18).

Expires 9-30-81

Centuri BONUS COUPON #6860
WORTH $1.00
toward the purchase of #5005 Micron. (See page 18).

Expires 9-30-81

Centuri BONUS COUPON #6861
WORTH $1.50
toward the purchase of #5007 Bandito. (See page 18).

Expires 9-30-81

Centuri BONUS COUPON #6862
WORTH $2.00
toward the purchase of #5175 Excalibur 2. (See page 19).

Expires 9-30-81

Centuri BONUS COUPON #6863
WORTH $2.45
toward the purchase of #5033 Taurus. (See page 19).

Expires 9-30-81

Centuri BONUS COUPON #6848
WORTH $1.50
toward the purchase of #5325 Flying Saucer. (See page 8).

Expires 9-30-81

Centuri BONUS COUPON #6855
WORTH 75¢
toward the purchase of a #5459 CAT Club Membership. (See pg. 23). (Includes 3 CAT memberships).

Expires 9-30-81

Centuri BONUS COUPON #6851
WORTH $5.00
toward the purchase of #5140 Saturn IB. (See page 8).

Expires 9-30-81

Centuri BONUS COUPON #6856
WORTH $2.00
toward the purchase of #5040 Sky Devil with four friends names. (See page 23).

Expires 9-30-81

Centuri BONUS COUPON #6852
WORTH $1.00
toward the purchase of #5031 Stiletto. (See page 8).

Expires 9-30-81

Centuri BONUS COUPON
WORTH $8.30
toward the purchase of #5591 Spring Engine Special. (See pg. 24).

Expires 9-30-81

Centuri BONUS COUPON #6849
WORTH $1.55
toward the purchase of #5317 F-16 Fighter. (See page 17).

Expires 9-30-81

Centuri SUPER BONUS COUPON #6857
WORTH $1.50
toward the purchase of $15.00 in Centuri merchandise from this catalog.

Expires 9-30-81

Centuri BONUS COUPON #6850
WORTH $1.55
toward the purchase of #5321 Israeli Mirage. (See page 17).

Expires 9-30-81

Centuri SUPER BONUS COUPON #6857
WORTH $1.50
toward the purchase of $15.00 in Centuri merchandise from this catalog.

Expires 9-30-81

Centuri BONUS COUPON #6853
WORTH $8.95
toward the purchase of #5200 Power System. (See page 17).

Expires 9-30-81

Centuri SUPER BONUS COUPON #6857
WORTH $1.50
toward the purchase of $15.00 in Centuri merchandise from this catalog.

Expires 9-30-81

Centuri BONUS COUPON #6854
WORTH 50¢
toward the purchase of a #5460 CAT Membership. (See page 23).

Expires 9-30-81

Centuri SUPER BONUS COUPON #6857
WORTH $1.50
toward the purchase of $15.00 in Centuri merchandise form this catalog.

Spring SALE...81 Kit Specials

Centuri®

SAVE $1.50
Flying Saucer
only $5.00
Coupon page 7

Flying Saucer

A revolutionary design, this unusual flying saucer has become one of our most popular rockets. Features slow-lift off and eerie descent through its own exhaust! Lands on three sturdy legs. No chute to pack. Ideal for demos and displays too!

Recom. Engines:
B14-0, C6-0, C5-0S

~~$6.50~~

Skill level 2
Prod. #5325

Only $5.00

Stiletto

This long, thin rocket is an ideal first multi-staged kit. Stiletto features die-cut fins, kit decal, staging tech report, and plastic nose cone. Booster tumbles safely to the ground while the upper stage returns by brightly colored streamers.

Recom. Engines:
Booster:
A8-0, B6-0, B14-0, C6-0, C5-0S
Upper Stage:
½A6-4, A8-5, B4-6, B6-6, B8-7, C6-7

Skill level 3
Prod. #5031

~~$5.50~~

Only $4.50

Saturn 1B

Fly this incredibly detailed 1/100 scale model of the launch vehicle that sent the first manned Apollo spacecraft into orbit in 1968. Later used for the Apollo-Soyuz test project in 1975. Centuri's model is over 2 feet tall and features plastic detailing parts and nose cone, huge decal sheet, and spectacular dual-chute recovery. A beautiful display model, this 2-engine cluster model provides breath-taking lift-offs.

Recom. Engines:
B6-4, C6-3, C5-3S

Skill level 5
Prod. #5140

~~$15.95~~

Only $14.95

SAVE $5.00
Saturn IB
only $14.95
Coupon page 7

SAVE $1.00
Stiletto
only $4.50
Coupon page 7

Spring SALE...81 Kit Specials

Centuri®

E.S.S. Raven

Designed for near-Earth space exploration, Centuri's ESS Raven kit is big and impressive on display and at the launch pad. Comes complete with quick-change engine mount, big 4 color kit decal, die-cut fibre parts, dual chute recovery, and Rocket Rack display stand.

Recom. Engines:
C6-3, C5-3S

~~$13.95~~ Only $9.49

Skill level 3
Prod. #5312

S.S.V. Scorpion

Exotic space satellite repairship. Centuri kit comes complete with 4 color kit decal sheet baffle chute ejection system, dual parachute recovery, die cut fibre parts, and special Rocket Rack display stand. A beautiful display model, too.

Recom. Engines:
C6-3, C5-3S

Only $9.49

Skill level 3
Prod. #5307

~~$13.95~~

SAVE $4.46
SUPER KITS on this page only $9.49 each.
See coupons on page 16

U.F.O. Invader

Styled after the alien spaceships that may be visiting Earth today, the UFO Invader features plastic nose cone and connector, die-cut fibre parts, dual chute recovery, big 4 color decal, and Rocket Rack display stand.

Recom. Engines:
C6-3, C5-3S

~~$13.95~~ Only $9.49

Skill level 3
Prod. #5308

Spring SALE...81 Kit Specials

Centuri®

F-15 Eagle

The USAF Air Superiority dual engine fighter that slices through the air at 2½ times the speed of sound! Centuri kit includes kit decal, quick change engine lock, plastic nose cone and detailing parts, and parachute recovery.

Recom. Engines: A8-3, B4-4, B6-4, C6-5

Skill Level 3
Prod. #5318
~~$6.95~~
Only $4.69

SAVE $2.26
FIGHTER FLEET kits on this page only $4.69 each.
See coupons page 16

FIGHTER FLEET™

F-4 Phantom

One of the most versatile fighters in the world, the F-4 is used by the Navy, Air Force, the Marines, Canada and Great Britain. Centuri's model features die-cut fibre parts, plastic nose cone and detailing parts, reliable parachute recovery, and special scale kit decal.

Recom. Engines: A8-3, B4-4, B6-4, B8-5, C6-5

Skill Level 3
Prod. #5319
~~$6.95~~
Only $4.69

F-104 Starfighter

Currently in NATO service, the F-104 is the world's first operational fighter to sustain a speed of Mach 2. Your Centuri F-104 comes complete with plastic nose cone and detail parts, die-cut fibre fins, parachute recovery, and kit decal.

Recom Engines: A8-3, B4-4, B6-4, B8-5, C6-5

Only $4.69 ~~$6.95~~

Skill Level 3
Prod. #5320

Spring SALE...81 Kit Specials

Centuri®

Space Shuttle

One of Centuri's most spectacular kits! Both booster ship and piggyback shuttle glide back to earth after separating at apogee while the rocket booster returns separately by streamer. Detailed decal sheet with authentic markings, plastic cones, pre-cut wings and fins plus spec sheet on the real ship make "Shuttle" a space-age project you'll not want to miss!

Recom. Engines: C6-3, C5-3S

Skill Level 5
Prod. #5066
~~$10.95~~
Only $7.39

SAVE $3.56
Space Shuttle now only $7.39
Coupon page 16

SAVE $3.96
Sky-Lab now only $7.99
Coupon page 16

Sky-Lab

Suspended in the blackness of space, moving thousands of miles per hour and rotating slowly, Sky-Lab monitors important Earth resources. The space exploration age is here with NASA's flying laboratory. Every detail is included in this spectacular kit. Shiny solar panels, ultra-detailed plastic parts, body wrapper, huge decal sheet, plastic cones, and more. Watch the slow lift-off as your Sky-Lab thunders skyward to return gently, suspended by an extra large chute.

Recom. Engines: B4-2, B8-3, C6-3, C5-3S

Skill Level 4
Prod. #5034
~~$11.95~~
Only $7.99

Spring SALE...81 Kit Specials

Centuri®

ISRAELI

Gabriel

A surface-to-surface missile, Centuri's Gabriel is a realistic flying model rocket of the real ship-launched missile from pointed nose to boxy guidance fins. Authentic Israeli military insignia and markings plus super body detail decals make Gabriel impressive on the launch pad and a great display model. Balsa nose cone, pre-cut balsa fins, easy-to-follow instructions, and a missile technical data folder complete the package. Launch to altitudes of over 1,000 feet using the big "C" engine and watch the big 14" camouflage parachute blossom for a safe return,

Recom. Engines:
½A6-2, A8-3, B4-6, B6-6, B8-7, C6-7

~~$5.50~~ Only $3.69

Skill Level 3
Prod. #5333

SAVE $1.81
Gabriel now only $3.69.
Coupon page 16

STRIKE FORCE™

SAVE $1.81
Sea Killer now only $3.69.
Coupon page 16

ITALIAN

Sea Killer

Styled after Italy's 25-mile range surface-to-surface ship-launched homing missile, the Sea Killer model rocket looks just like the real thing. Authentic military markings and insignia included plus balsa nose cone, pre-cut fins, and new camouflaged parachute. Add the Sea Killer to your flying rocket tactical missile force today.

Recom. Engines:
½A6-2, A8-3, B4-6, B6-6, B8-7, C6-7

~~$5.50~~ Only $3.69

Skill Level 3
Prod. #5331

Spring SALE...81 Kit Specials

Centuri®

SAVE $3.11
Long Tom now only $6.39.
Coupon page 16

Long Tom

3 FEET LONG!

Get up high with this one! Poised skyward on the launch pad this long, slender rocket flys as fast as it looks. Colored plastic body reducer and nose cone, big decal sheet, exclusive baffle/chute ejection* (no chute wadding required), and parachute recovery makes Long Tom extra easy to build and fun to fly.

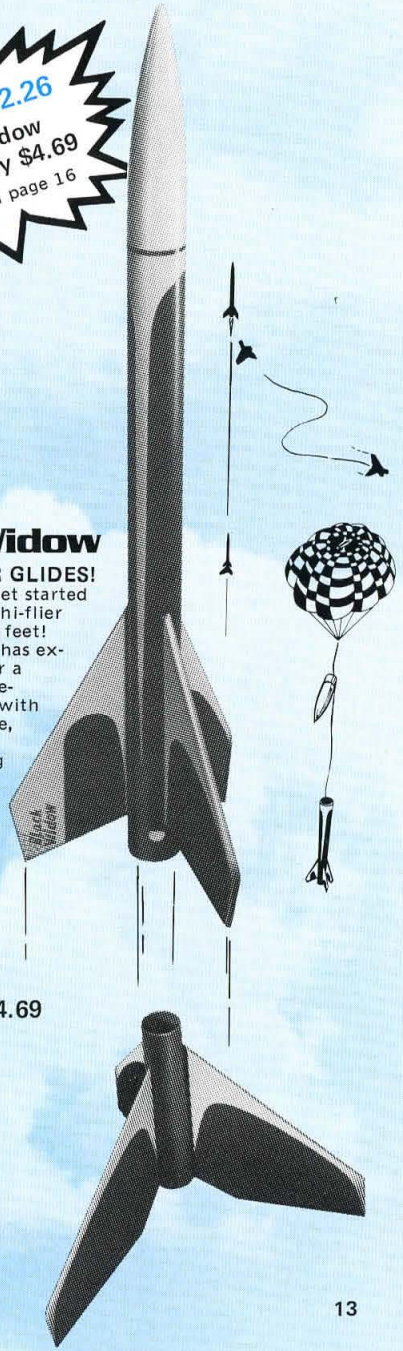
Recom. Engines:
Booster:
A8-0, B6-0, B14-0 C6-0, C5-0S
Upper Stage:
B4-6, B6-6, B8-7, C6-7

Skill Level 4
Prod. #5064

~~$9.50~~

Only $6.39

SAVE $2.26
Black Widow now only $4.69
Coupon page 16



Black Widow

THE BOOSTER GLIDES!

A good one to get started in staging and a hi-flier too—over 1,600 feet! Unique booster has extra-large fins, for a sweeping glide recovery. Comes with plastic nose cone, special decals, pass-port staging system, and large chute.

Recom. Engines:
Booster:
A8-0, B6-0, B14-0, C6-0, C5-0S
Upper Stage:
A8-5, B4-6, B6-6, B8-7, C6-7

Skill Level 5
Prod. #5036

~~$6.95~~ Only $4.69

Spring SALE...81 Kit Specials

Centuri®

SAVE $1.61
Groove Tube
now only $3.39
Coupon page 16

Groove Tube

A standout at the launch pad, this different-looking bird flys straight and true stabilized by a cluster of six "tube-type" fins! It's a large rocket, too, standing over 1½ feet tall. No balsa to sand, just glue the fin cluster to the body tube, install engine lock and parachute, paint, apply custom decals and she's ready to launch. Keep ahead of your friends with this one.

Recom. Engines:
A8-3, B4-4, B6-4, B8-5, B14-5, C6-5

Skill Level 1
Prod. #5011

~~$5.00~~

Only $3.39

SAVE $3.01
Argus now
only $5.99.
Coupon page 16

Argus

Research rocket styled after the Air Force X-17. Two different plastic nose cones and dual recovery chutes makes this rocket an exciting beginner's kit. Pre-colored parts and colorful decals give Argus a scale-like appearance. Over 28" tall, Argus streaks smoothly skyward and recovers ever so gently with two big parachutes. Extra-easy to assemble with molded one-piece plastic tail cone and fins. No tools or measuring — just glue together and be in the air in less than an hour.

Recom. Engines:
A8-3, B4-4, B6-4, B8-5, B14-5, C6-5

~~$9.00~~

Skill Level 2
Prod. #5039

Only $5.99

Centuri®

SAVE $6.00
Flying Saucer Outfit
now only $12.95.

ALIEN SCOUTSHIP FLYING SAUCER OUTFIT

See coupon this page.

UFO's are here! Think about the thrill and excitement of walking up to the launch pad with your rocket-powered flying saucer that really flies! Countdown over, the powerful Super-C engine thrusts your Alien Scoutship skyward to a surprising height. As the thrust phase ends, you watch as your saucer rolls smoothly over to begin its landing descent. And what a beautiful recovery it is—floating down on air, just like the real thing to land gently on its tripod antennas—spectacular!

Construction is easy—no tools required, just white glue. "Spaceglow" decals including alien emblem let your saucer glow in the dark. Embossed pre-cut fibre surfaces provide authentic realism and ultra-detail for display. Everything needed to fly (excluding glue and a 6 volt lantern battery) is contained in this revolutionary outfit including mini-manual and our special UFO Tech Report. There ARE flying saucers and this outfit is the beginning!

Skill Level 2
Prod. #5205

~~$18.95~~

Only $12.95

Centuri BONUS COUPON
WORTH $6.00
toward the purchase of #5205 Flying Saucer Outfit.
Expires 9-30-81
#6878

INCLUDES:
- Flying Saucer
- Powr Pad Launcher
- 3 Engines + Igniters
- Mini-Manual
- UFO Tech Report

Expires 9-30-81 — #6865
Centuri BONUS COUPON
WORTH $2.26
toward the purchase of a #5319 F4 Phanton. (See page 10).

Expires 9-30-81 — #6868
Centuri BONUS COUPON
WORTH $4.46
toward the purchase of a #5312 E.S.S. Raven. (See page 9).

Expires 9-30-81 — #6874
Centuri BONUS COUPON
WORTH $2.26
toward the purchase of a #5318 F-15 Eagle. (See page 10).

Expires 9-30-81 — #6871
Centuri BONUS COUPON
WORTH $1.81
toward the purchase of a #5333 Gabriel. (See page 12).

Expires 9-30-81 — #6866
Centuri BONUS COUPON
WORTH $2.26
toward the purchase of a #5320 F104 Starfighter. (See page 10).

Expires 9-30-81 — #6870
Centuri BONUS COUPON
WORTH $1.81
toward the purchase of a #5331 Sea Killer. (See page 12).

Expires 9-30-81 — #6867
Centuri BONUS COUPON
WORTH $3.96
toward the purchase of a #5034 Sky Lab. (See page 11).

Expires 9-30-81 — #6873
Centuri BONUS COUPON
WORTH $3.11
toward the purchase of a #5064 Long Tom. (See page 13).

Expires 9-30-81 — #6869
Centuri BONUS COUPON
WORTH $3.56
toward the purchase of a #5066 Space Shuttle. (See page 11).

Expires 9-30-81 — #6875
Centuri BONUS COUPON
WORTH $2.26
toward the purchase of a #5036 Black Widow. (See page 13).

Expires 9-30-81 — #6864
Centuri BONUS COUPON
WORTH $4.46
toward the purchase of #5308 U.F.O. Invader. (See page 9).

Expires 9-30-81 — #6872
Centuri BONUS COUPON
WORTH $1.61
toward the purchase of a #5011 Groove Tube. (See page 14).

Expires 9-30-81 — #6876
Centuri BONUS COUPON
WORTH $4.46
toward the purchase of a #5307 S.S.V. Scorpion. (See page 9).

Expires 9-30-81 — #6877
Centuri BONUS COUPON
WORTH $3.01
toward the purchase of a #5039 Argus. (See page 14).

Spring SALE...81 Kit Specials

Centuri®

FIGHTER FLEET™

F-16 Fighter

Skill Level 2 Prod. #5317
~~$6.95~~
Only $5.40

Basic air combat fighter of the 1980's, the F-16 is armed with 2 AIM-9 missiles plus 20mm cannon. Kit features plastic nose cone and details, quick-change engine lock, kit decal, and parachute recovery.

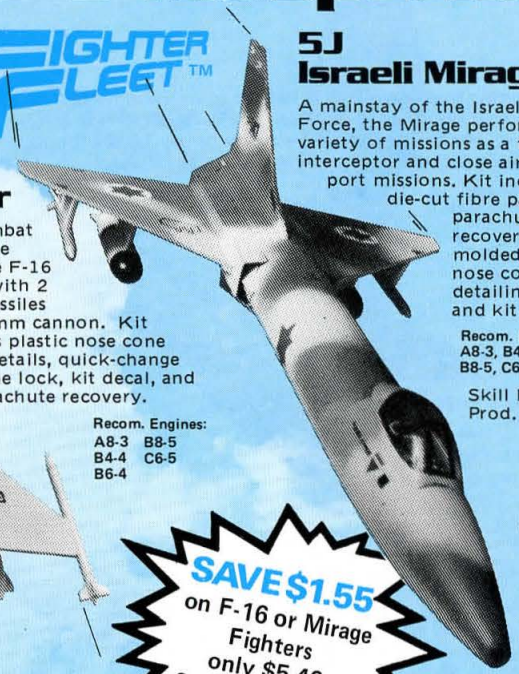
Recom. Engines:
A8-3 B8-5
B4-4 C6-5
B6-4

5J Israeli Mirage

A mainstay of the Israeli Air Force, the Mirage performs a variety of missions as a fighter interceptor and close air support missions. Kit includes die-cut fibre parts, parachute recovery, molded plastic nose cone and detailing parts, and kit decal.

Recom. Engines: A8-3, B4-4, B6-4, B8-5, C6-5

Skill Level 3 Prod. #5321
~~$6.95~~
Only $5.40



SAVE $1.55 on F-16 or Mirage Fighters only $5.40
See coupon page 7

Rocketry EXPLORATION™
POWER SYSTEM
MODEL ROCKET OUTFIT

SAVE $8.95 Power System only $21.00
See coupon page 7

Our biggest and most exciting outfit includes Power Tower launcher, Powr-Control, parts for 2 rockets that can be flown in many configurations, 12 engines, igniters and wadding. Special Power System Manual guides rocketeer from beginning thru advanced techniques like staging and clustering.

Prod. #5200 ~~$29.95~~ Only $21.00

Spring SALE...81

Centuri®

Closeout Specials!

Twister

An exciting beginner kit, the Twister spins during ascent to aid in stabilization. Canted fins specially designed to give rapid rotation. Reliable parachute recovery brings Twister back safely for another exciting flight. Includes kit decal.

Recom. Engines:
½A6-2, A8-5, B4-6, B6-6, B8-7, B14-7

~~$4.00~~ Only $3.00

Skill Level 1
Prod. #5002

SAVE $1.00
Twister now only $3.00
Coupon page 6

Bandito

High performance low-drag design. Unique wedge-shaped die cut fibre fins helps Bandito attain maximum velocity in a hurry! Reliable streamer recovery. Includes chrome trim and kit decals, quick-change lock and plastic nose cone.

Recom. Engines:
½A6-4, A8-5, B4-6, B6-6, B8-7, B14-7, C6-7

~~$4.50~~ Only $3.00

Skill Level 2
Prod. #5007

SAVE $1.50
Bandito now only $3.00
Coupon page 6

Micron

An easy-to-build kit that gives high performance every time. Colorful streamer recovery gives soft, safe landing. Printed fins and plastic nose cone plus roll pattern decal makes Micron a stand-out on the launch pad.

Recom. Engines:
½A6-4, A8-5, B4-6, B6-6, B8-7, B14-7, C6-7

Skill Level 1
Prod. #5005

~~$3.50~~ Only $2.50

SAVE $1.00
Micron now only $2.50
Coupon page 6

Excalibur 2

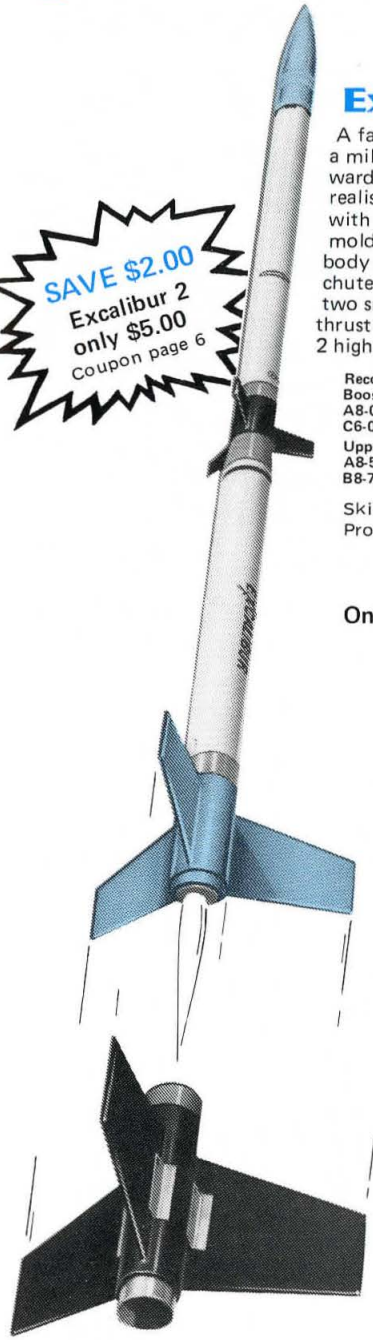
A favorite 2-stager with a military look. Forward dorsal fins add realism. Complete with body decal sheet, molded nose cone and body reducer and parachute recovery. Watch two smooth stages of thrust push Excalibur 2 high into the blue.

Recom. Engines:
Booster:
A8-0, B6-0, B14-0, C6-0, C5-0S
Upper Stage:
A8-5, B4-6, B6-6, B8-7, B14-7, C6-7

Skill Level 3
Prod. #5175

~~$7.00~~
Only $5.00

SAVE $2.00
Excalibur 2 only $5.00
Coupon page 6



Taurus

Over 2 feet long this interstellar visitor has the look of the future. It is one of our most popular detailed kits that you will be proud to display or fly. Features parachute recovery, molded plastic nose cones and body reducers, chrome trim, kit decals, die-cut fins, and illustraded science fiction story.

Recom. Engines:
A8-3, B4-4, B6-4, B8-5, B14-5, C6-5

Skill Level 3
Prod. #5033

~~$7.95~~
Only $5.50

SAVE $2.45
Taurus now only $5.50
Coupon page 6

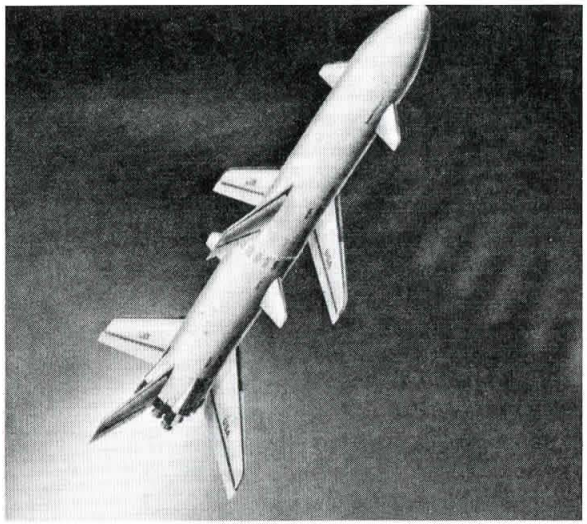
#22 SPRING 1981

Rocket Times

THE OFFICIAL Centuri® MODEL ROCKETRY MAGAZINE

SPACE SHUTTLE—SPACESHIP OF THE 80's

This spring the long-awaited resumption of U.S. manned space flight takes place with the first launch of the Space Shuttle. This reusable spaceship of the 1980's will mean the opening of new frontiers in space utilization. Impressive as the first launch is, it is even more exciting to contemplate future uses of the Space Shuttle.

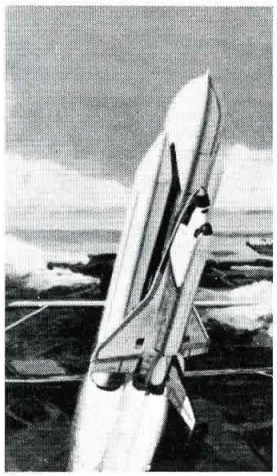


A hypothetical 2-stage "Space Freighter" designed to lift heavy payloads to low Earth orbit.

Plans are already on the drawing board for revised and expanded versions of the shuttle. Space science requirements in the next two decades will require shuttle vehicles capable of lifting much larger payloads into Earth orbit. Experiments in physics, astronomy, life sciences, and solar science will become more extensive in the near future as new technology is developed. The Space Shuttle will be the most important vehicle in these research studies. Also, the Space Shuttle can become the workhorse in assembling an Earth orbiting space station.

Initial shuttle modifications may include the addition of extra strap-on solid fuel boosters, or using more powerful and fully reusable liquid fuel strap-ons powered by liquid hydrogen and liquid oxygen, the fuels of the Saturn rockets. Later there are plans to develop a Heavy-Lift Launch Vehicle (HLLV) from the shuttle design which will be used to boost payloads weighing 150,000 pounds or more into orbit.

For extended mission duration, the shuttle orbiter could be modified internally. A passenger module could be added to carry as many as 74 passengers into orbit, a necessity when an orbiting space station becomes a reality.

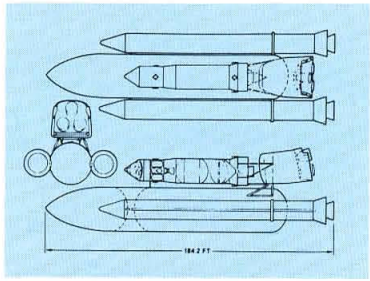


The launch configuration of this spring's manned Space Shuttle flight.

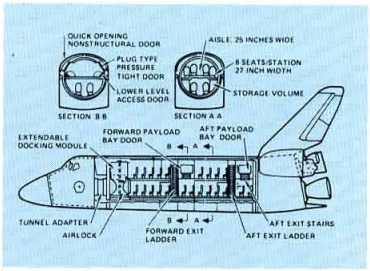
The external tank can be modified to accomodate larger payloads. Plans also call for a "stretched" orbiter—one that is elongated to provide additional cargo space.

Althought these plans are on the drawing board now, a great deal depends upon the success of the first few shuttle flights and NASA's budget. But if an expanded space program becomes a reality in the next 20 years, these updated versions of the Space Shuttle may become the spaceships of the 21st century.

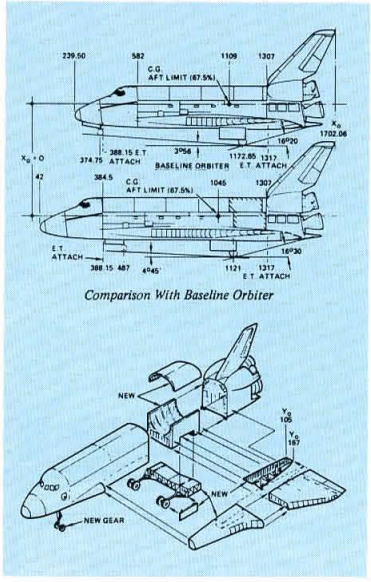
Below are possible shuttle variations if a successful Space Shuttle program is developed.



Heavy-Lift Launch Vehicle.



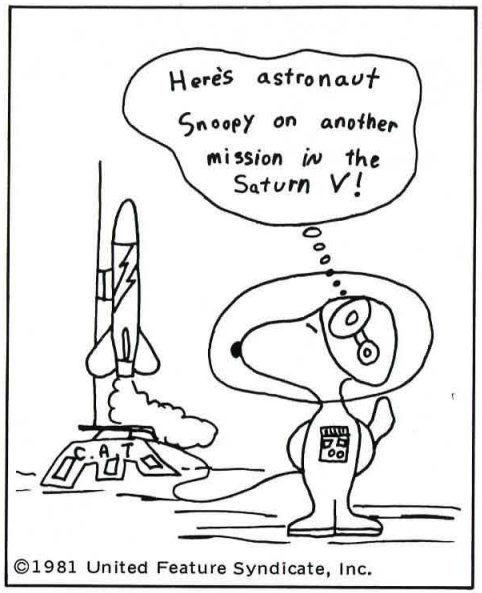
Inboard Profile—74 Passenger Orbit Transport.



Comparison With Baseline Orbiter

Shown above is a stretched version of a shuttle for more payload capacity.

CARTOON CONTEST



This issue's Cartoon Contest winner is Harvey Tom of Tucker, GA. Harvey gets a U.F.O. Invader Super Kit as his mystery prize.

Want to see your cartoon published? Just draw a funny cartoon about model rocketry and send it to the Editor: Rocket Times. Each issue we pick the one most suitable for publication and award a "Mystery Prize".

DON'T MISS AN ISSUE. . .

Rocket Times is now published four times per year. In order to receive each issue, and to get in on mailings with exciting special sales and offers you must be an active Centuri mail-order customer. This requires you to have placed an order for Centuri merchandise within the past four months.

Remember, in addition to the great bargains described in this catalog, every Centuri order receives a free T-shirt iron-on. There are four different types of these 2-color iron-ons, and we'll pick one at random and include it in every mail order. Be sure to collect all four.

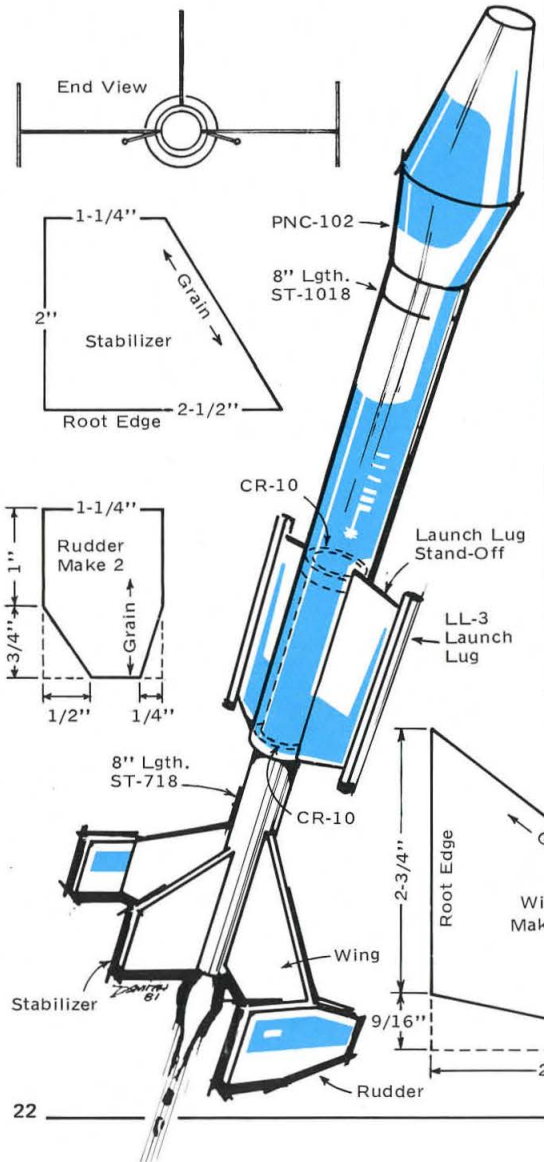
If you would like to see additional features in Rocket Times, drop a line to Editor: Rocket Times, PO Box 1988, Phoenix, AZ 85001. We'll read each suggestion and who knows, maybe yours will be used.

Design Contest Winner

See current catalog's Rocket Times for rules on this permanent contest.

U.S.S. ATHENA I
Designed and built by John Hoverson, Austin, Minn.

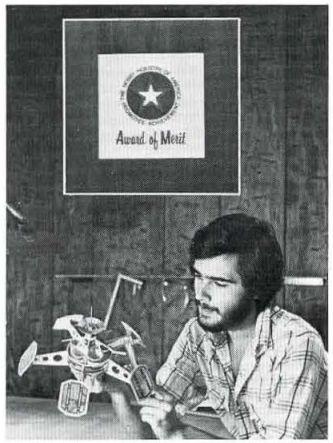
Recom. Engines: B4-4, B6-4, C6-5



CREATIVE EXCELLENCE IN MODEL ROCKETRY

Centuri's new War in Space kit series starring the Satellite Killer is now getting special attention we thought you'd like to know about.

The #5347 Combo Pack won the H.I.A. award for Creative Excellence in Model Rocketry. The honor was awarded because of three innovative features: 1: totally original shape in flying model rocketry, 2: imaginative concept in that it's based on real-world vehicles not yet officially revealed, 3: creative marketing in offering it in combo with a smaller, related product.



Centuri's "Satellite Killer" kit won the Hobby Industry of America's 1981 award for Creative Excellence in Model Rocketry, Designer: Bill Stine.

Join us on the Centuri CAT Aerospace Team

10 GOOD REASONS TO JOIN THE CENTURI AEROSPACE TEAM

1. Be famous!—Your photo may be in an upcoming Centuri catalog!
2. FREE catalog
3. CAT contests— for members only
4. CAT Data Form—Your communications link to us.
5. IRON-ON shirt emblem
6. Design Manual
7. CAT Decal Sheet
8. CAT Membership Card
9. CAT Certificate
10. CAT Field Box Sticker

~~#5460~~
~~$2.00~~
Only $1.50

~~#5459~~
~~$2.50~~
Only $1.75

SAVE 50¢ Individual CAT Membership only $1.50
See coupon pg. 7

MEMBERSHIP FOR CLUBS

Now 3 or more rocketeers joining the CAT at the same time can also get the special club membership. Includes certificate with your club name, current catalog and three popular books for your club library: Club Guide, Rocketeer's Guidebook and Power System Handbook. To qualify at least 3 must join the CAT using the same envelope.

SAVE 75¢ CAT Club Membership Only $1.75
See coupon pg. 7

SEND YOUR FRIENDS A CATALOG!

Send us the names of four friends who don't order from Centuri and we'll send you a Sky Devil kit for 75¢. Fill out coupon below and include with Bonus Coupon from page 7 on your next order.

"When ordering only the Sky Devil from this offer (not included with order for additional merchandise) please include $1.50 for postage and handling".

SKY DEVIL Only 75¢ Just fill in 4 friends names, clip coupon on page 9 and send in with 75¢.

Centuri #6858

$2.75 Value

828H
Name _____
Address _____
City _____
State _____ Zip _____

828H
Name _____
Address _____
City _____
State _____ Zip _____

828H
Name _____
Address _____
City _____
State _____ Zip _____

828H
Name _____
Address _____
City _____
State _____ Zip _____

NOTE: This offer is in addition to the offer on the Freebie section of the Centuri order form, and the same names cannot be used for both.

Centuri®

Spring SALE...81

Spring Engine Special

$25.30 VALUE

Stock up now on Centuri Enerjet Engines at low sale prices! The Spring Engine Special includes 2 boxes each of the following popular Centuri engines:

A8-3 B6-4 B8-5 C6-5 C5-3S

That's a total of 30 engines! And each box contains 3 popular Sure Shot II igniters too!

SAVE $8.30

SPRING ENGINE SPI

ONLY $17.00

See coupon page 7

* * * *
RODNEY BROWN
2059 MAPLEWOOD LANE
LIMA OH 45806
397R

Centuri® Centuri Engineering Company
P.O. Box 1988, Phoenix, AZ 85001

BULK RATE
U.S. POSTAGE PAID
Centuri Engineering Co.

INSIDE! COUPONS WORTH UP TO $99.80 IN DISCOUNTS AND SPECIAL OFFERS!

	Product No.	How Many	Product Name/Description	Price ea. pkg.	Total
1	5460		CAT MEMBERSHIP		
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					

Effective Dec. 1980

PRINT PLAINLY IN INK

If additional space is needed use a separate sheet of paper

FOR CENTURI USE ONLY	
1	CAT
2	3

MERCHANDISE TOTAL — This determines the bonus offer.

Priority Postage (if desired) / 4% State Sales Tax (Arizona residents only)

REQUIRED HANDLING $1.50 for U.S. $3.00 Foreign

Add Balance Due / Subtract Credit (if any is shown on last order print-out).

TOTAL AMOUNT ENCLOSED

Centuri ORDER FORM

395N
385N
396P
386P
397R

Centuri, Box 1988, Phoenix AZ 85001

Is this your first order? ☐ Yes ☐ No

Phone No. ( ) _____

Date of birth ___/___/___ mth./day/yr.

Have you moved since your last order? If so print old address along the margin.

PRINT name and address carefully below unless it appears on label. If a label is below, correct the address if necessary.

Name _____

Address _____

City _____

State Zip

FREEBIES SEE EXPLANATION ON ENVELOPE

#1 ☐ Here's my order, send my bonus for coupon(s) enclosed.

#2 ☐ Here's my order of $15 (or more) and 4 Proofs of Purchase so I won't have to pay the $1.50 handling. Code 6834

#3 ☐ Here's my order and addresses of 2 friends to send catalogs to. Send me my free Decal Sheet. Code 5719

Name	Name
Address	Address
City	City
State Zip	State Zip

#4 ☐ Here's my order. Send my free T-shirt iron-on.

ORDER OFTEN–TO RECEIVE SPECIAL BONUS OFFERS!

Name _____

Address _____

City _____ State _____

Zip _____

Place First Class Stamp Here

FIRST CLASS MAIL
RUSH ORDER

CENTURI
FLYING MODEL ROCKETS

Centuri Engineering Co., Inc., Box 1988, Phoenix, Az 85001

12/80 #907373D

How to Mail Order

IMPORTANT—READ BEFORE ORDERING

YOUR ORDER FORM: This replaces all previous order forms. Prices are subject to change without notice. Multiply the "How Many" by "Price" to get "Total."

	Product No.	How Many	Product Name/Description	Price each	Total
1	5592	2	BOXES OF C5-3S ENGINES	2.35	4.70
2	36607	1	DC-3 MILITARY INSIGNIAS	1.00	1.00
3	5200	1	POWER SYSTEM OUTFIT	27.95	27.95
4	5854	3	CP-12 CHUTE PAKS	.85	2.55
5	81903	1	TIR-30 STABILITY...	1.25	1.25

BONUS OFFER "FREEBIES:" You may earn free products by mail-ordering from Centuri; see details on the envelope below.

General rules: 1. Only "total for merchandise counts; not Handling, Priority Mail, Arizona Sales Tax or Balance Due. 2. Do not mix different past Bonus Offers on the same order (Example: a $15 order may qualify for current Bonus Offer plus other "Freebies," but it does not qualify for still another $15 Bonus Offer). 3. Redeemable only by mail order from Centuri. 4. Our Shipping Department may make substitutions of equal or greater value when necessary.

POSTAGE & HANDLING: We ship your order prepaid within the 48 continental United States by Parcel Post or private carriers such as U.P.S. Add $1.50 for handling on all orders unless you use Freebie #2. See "Overseas & Foreign" if you are not a resident of the 48 continental United States.

PRIORITY MAIL may be requested for extra fast delivery but PRIORITY MAIL CANNOT INCLUDE ENGINES (or products containing engines, such as outfits) at this time. For other items for which you desire Priority Mail include 15% of the "Total for Merchandise." You will be charged only for the difference between Priority Mail and Parcel Post; any excess will be refunded.

PAYMENT OF YOUR ORDER: Full payment must be included with your order. Please use Check or Money Order. No C.O.D.'s, cash or stamps. Include sufficient payment; any over-payment will be promptly refunded. We cannot be responsible for coins, currency, or orders lost in the mail.

SHIPPING INFORMATION: Your order may be shipped in more than one parcel because of its size. They often become separated in transit and may not all arrive together. However, all should arrive within a few days of each other.

The following information is provided in accordance with the requirements set forth in Trade Regulation Rule 435, promulgated by the Federal Trade Commission, effective February 2, 1976:

We normally ship within 72 hours of receipt of your order. On occasion, a product may be temporarily out of stock, in which case we will notify you within 30 days that there will be a delay. Your order will then be filled as soon as possible, but in no event later than 90 days from receipt of your order.

"CENTURI MODEL ROCKETS ARE RECOMMENDED FOR AGES 10 TO ADULT. ADULT SUPERVISION IS SUGGESTED FOR THOSE UNDER 12 YEARS OF AGE WHEN FLYING MODEL ROCKETS."

WHEN YOUR SHIPMENT ARRIVES: Please do not be alarmed by this label on shipments containing model rocket engines. MODEL ROCKET ENGINES ARE SAFE! This label is technically required by law. Please note that "Flammable Solid" signifies the safest classification and that model rocket engines are safer than model airplane fuel or aerosol paint cans.

A SPECIAL MESSAGE: Occasionally we make the addresses of customers available to other companies who produce products you may be interested in. This means that you may be receiving advertising and sales literature from these companies in your mail. If you do not wish your name and address to be used in this manner, please inform us in care of our Consumer Relations Department.

FULL ONE-YEAR

Warranty

Centuri assures your satisfaction with our products. See detailed warranty in current catalog.

OVERSEAS & FOREIGN: Centuri has local retail distribution in Alaska, Hawaii, Puerto Rico, Canada and Australia. We encourage residents of these areas to purchase locally to avoid delays and "red tape."

Due to current International Mail Regulations, we are not able to mail model rocket engines (or other products containing engines, such as outfits) outside the 48 states and Canada. However, all other Centuri products are available. PAYMENT MUST BE IN U.S. FUNDS.

OVERSEAS U.S. (Alaska, Hawaii, Puerto Rico, APO & FPO, territories, possessions and commonwealths): standard $1.50 handling charge. Orders shipped by surface Parcel Post unless Priority Mail 15% in enclosed. No engines.

CANADA: $3 handling charge. Surface mail only. Engines may be mailed to Canada if import permit is supplied.

OTHER COUNTRIES: $3 handling charge. Surface mail only. Due to high postage rates, order must include 20% of the "Total for Merchandise." You will be charged only the difference between U.S. Parcel Post and postage to your country; any excess will be refunded. No engines.

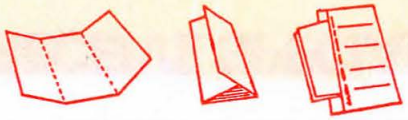
IMPORTANT: It is the customer's responsibility to be aware of and comply with any customs, importation or usage restrictions in their country.

Tear

- TEAR ALONG PERFORATION
- FOLD ORDER FORM ALONG DOTTED LINES
- INSERT IN ENVELOPE, WITH ENCLOSURES

THANKS FOR YOUR ORDER!

Fold



LAST MINUTE CHECKS . . . HAVE YOU:

- ORDERED EVERYTHING YOU NEED?
- ENCLOSED A SIGNED CHECK OR MONEY ORDER?
- CHECKED YOUR ADDRESS AND ZIP CODE?
- ENCLOSED BONUS OFFER COUPONS?

FOUR GREAT Centuri "FREEBIE" OFFERS FOR YOU!

FREEBIE #1

BONUS OFFERS!

EARN FREE CENTURI PRODUCTS EVERY TIME YOU REORDER! You'll find ads for special bonus offers inside every Centuri shipment. These change often and are a great way to get Centuri supplies at big savings. The more you order, the better the bonus! We also send special mailings to our most "active" customers. Order often to stay informed. **RULES:** 1. Follow instructions printed on each bonus offer. 2. Mark the FREEBIE #1 block. 3. Limit of one type bonus offer per order. 4. Enclose appropriate coupons from bonus offer.

THE BIGGER THE ORDER THE BETTER THE BONUS!

FREEBIE #2

SAVE $1.50 HANDLING!

HERE'S A NICE "INFLATION BEATER!" Avoid the $1.50 handling charge required on mail order with our "Proof of Purchase" offer: just cut out and send us the Product Number from your packages of any FOUR different Centuri kits, outfits and/or launchers. Then you won't have to add $1.50 handling to your payment. **RULES:** 1. Cut out product numbers from package main panels only. 2. Mark the FREEBIE #2 block. 3. Enclose the 4 "Proofs of Purchase." 4. Minimum order of $15.

SAVE THOSE "PROOFS" TO SAVE THOSE DOLLARS!

FREEBIE #3

FREE DECAL!

DO YOURSELF AND FRIENDS A FAVOR! We'll enclose a Centuri Emblem decal sheet FREE in your shipment if you order now and give us the names and addresses of two friends interested in model rocketry. Plus we'll send your friends catalogs free of charge! RULES: 1. They must be age 10 or older. 2. Mark the FREEBIE #3 block. 3. Friends can't have same address as you or each other. 4. Print addresses on order form where shown.

75¢ Value

4"x9", 2 Color

DRESS UP YOUR ROCKETS AND HELP 2 FRIENDS!

FREEBIE #4

FREE IRON-ON!

- 2-color
- 4 types
- For white polyester or nylon or on 50% blends.

FREE WHEN YOU ORDER NOW! We include a handsome iron-on for your T-shirt absolutely free in the shipment of your next order! Our order packers choose yours from our many exciting model rocketry designs (selection is random, just as with gum trading cards). **RULES:** 1. Iron-ons, free only with orders; not sold. 2. Check the FREEBIE #4 block on your order form to get yours.

SHOW THE WORLD YOU ARE A ROCKETEER!

REMEMBER: All offers redeemable only when you mail order directly from Centuri; not available in stores.